

<b>Issue Classification</b>				Application No.	Applicant(s)	
				09/170,042	HASTINGS ET AL.	
				Examiner	Art Unit	
				Robert C. Hayes, Ph.D.	1647	

ORIGINAL				CROSS REFERENCE(S)							
CLASS		SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)							
530		350	530	324	325	326	327				
INTERNATIONAL CLASSIFICATION				424	185.1						
C	0	7	K	14/435							
C	0	7	K	14/00							
C	0	7	K	7/08							
				/							
				/							
Robert C. Hayes (Assistant Examiner)				11/26/03 (Date)	GARY KUNZ SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1600 (Primary Examiner)				Total Claims Allowed: 14  12/1/03 (Date)		
HQ Jammell (Legal Instruments Examiner)				12/1/03 (Date)					O.G. Print Claim(s) 1	O.G. Print Fig. none	

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original
1		4	31	61	91	121	151
2		5	32	62	92	122	152
3		6	33	63	93	123	153
4		7	34	64	94	124	154
5		8	35	65	95	125	155
6		36		66	96	126	156
7		37		67	97	127	157
8		38		9	68	128	158
9		39		10	69	129	159
10		40		11	70	130	160
11		41		12	71	131	161
12		42		13	72	132	162
13		43		14	73	133	163
14		44			74	134	164
15		45			75	135	165
16		46			76	136	166
17		47			77	137	167
18		48			78	138	168
19		49			79	139	169
20		50			80	140	170
21		51			81	141	171
22		52			82	142	172
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24		54			84	144	174
25		55			85	145	175
26		56			86	146	176
27		57			87	147	177
1	28	58			88	148	178
2	29	59			89	149	179
3	30	60			90	150	180
					120		210

SEARCHED	INDEXED
SERIALIZED	FILED
JUN 17 1992	
10713718	
530	350
Class	Sector
ISSUE CLASSIFICATION	

PATENT NUMBER

## U.S. UTILITY PATENT APPLICATION

O.I.P.E. *20DSM* *Rds*  
 SCANNED *DA*

PATENT DATE

SECTOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
	<i>435</i>	<i>691</i>	<i>1647</i>	<i>Hayes, Robert</i>

530 350

FILED WITH:  DISK (CRF)  FICHE

(Attached in pocket on right inside flap)

*Hayes*

435/0691

## PREPARED AND APPROVED FOR ISSUE

## ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)			
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)		
530	350	530	324	325	326
INTL CLASSIFICATION		424	17551		327
C07K	14/00				
C07K	7/08				
C07K	14/435				

 Continued on Issue Slip Inside File Jacket

TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets	Drawg.	Figs. Drawg.	Total Claims	Print Claim for O/G
	4	4		14	
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.	Robert C. Hayes 11/26/93 (Assistant Examiner) (Date)				
<input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S Patent No. _____					
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.					

## NOTICE OF ALLOWANCE MAILED

## ISSUE FEE

Amount Due \_\_\_\_\_ Date Paid \_\_\_\_\_

## ISSUE BATCH NUMBER

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(Rev. 10/87)

(LABEL AREA)

(FACE)